

In the city Council,
city of Lodi,
Lodi, California.

ORIGINAL

ORDINANCE NO, 429

ADOPTING SPECIFICATIONS AND REGULATIONS
FOR INSTALLATION OF CONCRETE SIDEWALKS,
CURBS AND GUTTERS IN THE CITY OF LODI.

The City Council of the City of Lodi does ordain as follows:

1. Permits: No person, firm or corporation shall construct, repair, remove or demolish **any** curb and gutter driveways or sidewalk on public streets or public property without first obtaining a permit for such work from the City Engineer. This permit must be posted on the premises at the time **work** begins and **shall** not be removed except by the City Engineer or a duly authorized representative. **Plans** showing construction details **will** be issued with the permit.

2. Supervision and Inspection: After having obtained permit and at least one day prior to beginning any **work**, the City Engineer's Office shall be contacted **so** that stakes **can** be set for proper alignment and grade. After forms have been completed and at least one-half day prior to placing of concrete, the City Engineer's Office shall again be contacted **so** that forms **may** be checked to assure proper alignment **and** grade. The City Engineer or his duly authorized representative will check **work** and take samples as necessary to ~~assure~~ compliance **with** these specifications. Upon completion of finishing of the concrete, the City Engineer or his representative will make a final inspection and accept or reject the work. If work is unsatisfactory, **it** must **be** entirely removed or corrected to the satisfaction of the Engineer.

3. Subgrade Preparation: The subgrade shall be constructed true to grade and cross-section. It shall be thoroughly watered and rolled **or** hand tamped until hard and solid before placing the concrete. Soft and **spongy materials** shall be removed to a depth **of** not less than six inches (6") below subgrade elevation, **and** ~~the~~ resulting space filled with earth, sand or gravel of a quality that will pack when moistened. This material shall then be watered and thoroughly rolled or tamped until a solid foundation is secured. **The** completed subgrade shall be tested **for** grade **and** cross section **by means** of a template extending to a depth of not **less** than four inches (4") below finished grade for sidewalks and to a depth of not less than six inches (6") for curb and gutter or driveways. The template shall be supported by side forms. The subgrade and forms shall be thoroughly watered in advance of placing concrete.

4. Portland Cement Concrete: Concrete shall be composed of Portland cement, fine aggregate, coarse aggregate and water, **pro-**portioned and mixed **so** as **to** produce a concrete having a compressive strength of not less than 3000 **lbs.** per square **inch** after curing for **28** days. All concrete shall be used while fresh. The use of water for retempering **any** concrete that has **partially** hardened will not be permitted. All aggregate **and** water used shall be free **from** oil, organic matter or other deleterious substances. The **maximum** size of aggregate **shall** be 1½ inches. **In** no event shall less than 5 sacks of cement be **used** per cubic yards of mixture. **It will** be assumed that any concrete being placed that has a **slump** in excess

of four inches (4") will produce a 28-day concrete having a compressive strength of less than 3000 lbs. per square inch. The Engineer or his representative will make slump tests when concrete is placed and will reject any concrete being placed that has a slump in excess of four inches (4").

5. Forms: Timber forms shall be surfaced on the top and on the side which is placed next to the concrete. The timber used shall not be less than 1 5/8" thick after being surfaced and shall be of a width within 1/2" of the full depth of the concrete to be placed. On radii of less than thirty feet (30') thin plank forms, rigidly placed, may be used. Warped forms and forms not having a smooth, straight upper edge shall not be used. Side forms shall not be removed in less than 12 hours after the finishing has been completed.

6. Expansion Joints: Transverse expansion joints shall be installed at returns and at intervals of 18 feet. Expansion joints shall be filled with premolded expansion joint filler strips 1/4" thick consisting of non-extruding and resilient types conforming to requirements of the American Association of State Highway Officials, Specifications M58-42 as amended, or bituminous fiber types conforming to the requirements of the American Association of State Highway Officials, Specifications M59-42 as amended. Where sidewalk is adjacent to curb, expansion joints in sidewalk shall be placed opposite expansion joints in adjacent curb. A layer of 30 lb. felt shall be placed between sidewalk and adjacent curb.

7. Concrete Construction: **After forms** have been filled, the concrete shall be thoroughly spaded away from the forms until **there** are no **rock** pockets. The concrete shall be thoroughly compacted either **by** mechanical ~~means~~ **or** by use of grid and wire mesh tampers, **Tamping** shall be continued until **a** layer of mortar not less than $3/8"$ thick having aggregate no larger than $1/4"$ in **size** has been brought to the surface. The surface shall then be finished to grade **and** ~~cross~~ section with a wooden float. After floating the surface shall be troweled smooth. The surface except for square type curbs shall then be finished **with** a **fine** hair push **broom** drawn over the surface transverse to the line of traffic.

The surface ~~of~~ sidewalks shall **be** marked with lines one foot ~~from~~ and parallel to the side forms and at intervals of three feet at right **angles** to the side forms. Curb and gutter shall be marked at six foot intervals at right **angles** to the forms. The marking will be done with a tool which will leave the comers rounded **and** marks at least $1/4"$ in depth, Where sidewalk is adjacent to curb markings shall match. Contact joints **and** **all** edges shall be rounded to a radius of $1/8"$ with an **edging** tool.

Immediately after the surface is finished the exposed surface of the concrete **shall** be **cured** either **by** the blanketing method, cotton mat method, impervious paper ~~method~~ **or** **by** the pigmented sealing compound method. The ~~method~~ ^{process} selected shall conform to the requirements of Section 32 article (m) of the Standard Specifications of the Division of Highways, Department of Public Works, State of California, dated January 1949.

When a 10 foot straight edge is placed on the sidewalks, flow line of gutter or top of curb and gutter the surface shall not vary more than 1/8 inch from the edge of the straightedge except at grade changes or returns.

8. Public Convenience and Safety: Work shall be so planned and executed as to limit the restrictions to pedestrian and vehicular traffic to as short a time as practical. Such fences, barriers, lights and signs as are necessary to give adequate warning at all times to the public shall be erected and maintained.

9. Responsibility for Damage: The City of Lodi, the City Council, its officers, employees or duly authorized representatives shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof; or for any material or equipment used in performing the work; or for injury or damage to any person or persons, either workmen or the public; for damage to adjoining property, or for damages to utilities or facilities, from any cause whatsoever, during the progress of the work or at any time before final acceptance.

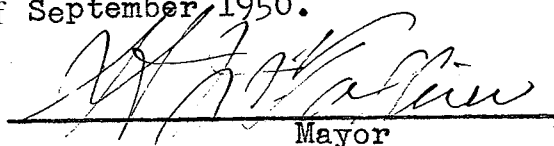
10. Final Cleanup: Upon completion and before making application for acceptance of the work the City right of way or ground disturbed or occupied in connection with the work shall be cleaned of all rubbish, excess materials, temporary structures and equipment; and all parts of the work shall be left in a neat and presentable condition.

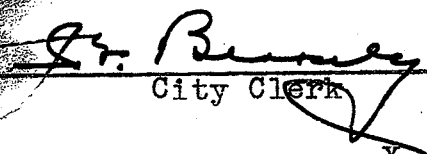
11. Violations and Penalties: Any person, firm or corporation violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and each such person shall be deemed guilty of a separate offense for each and every day or portion thereof

during which any violation of any of the provisions of this ordinance is committed, continued or permitted, and upon conviction of any such violation, each person shall be punishable by a fine of not more than \$300, or by imprisonment for not more than three months, or by both such fine and imprisonment.

12. All ordinances or parts of ordinances in conflict herewith are hereby repealed in so far as such conflict may exist.

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Approved this 6th day of September 1950.


Mayor


City Clerk

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The foregoing Ordinance No. 429 was regularly introduced in the City Council of the City of Lodi on August 16, 1950, and thereafter, on the 6th day of September, 1950, passed, adopted and ordered to print by the following vote:

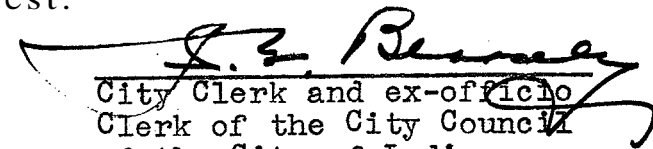
AYES : Councilmen, Bull, Haskell, Preszler, Rinn and Tolliver

NOES : Councilmen, None

ABSENT: Councilmen, None

Ordinance No. 429 was approved and signed by the Mayor on the date of its final passage and approval and was published at the time and in the manner required by law.

Attest:


City Clerk and ex-officio
Clerk of the City Council
of the City of Lodi.


Dated September 15.19 50 1950